

I claim:

1 1) A system for making VoIP network calls that requires entering repetitive
2 strings of digits in addition to a conventional telephone number, comprising
3 an auto dialer;
4 a memory to store strings of digits; and
5 a central processing unit.

1 2) The system of claim 1 wherein said auto dialer can be automatically
2 programmed by connecting to a server.

1 3) The system of claim 1 wherein said auto dialer can be used as a conventional
2 telephone to access existing non VoIP networks.

1 4) The system of claim 1 wherein said string of digits is automatically modified
2 when a new telephone number is entered.

1 5) The system of claim 1 wherein said central processing unit has interrupt
2 driven logic enabling it to respond to input signals.

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6) A method of making a VOIP network call by entering only the telephone number of the destination party as in a normal telephone call, comprising the steps of:

- activating a communication device;
- entering a telephone number;
- confirming said telephone number should be routed to a VoIP network;
- auto dialing a network access number;
- waiting for a connection to establish;
- auto dialing an account number;
- waiting for a confirmation;
- auto dialing a Personal Identification Number (PIN);
- waiting for a confirmation; and
- auto dialing the entered telephone number.

7) The method of claim 6 wherein the steps can be programmed by another computer.

8) The method of claim 6 wherein activating a communication device is picking up a hand set.

9) The method of claim 6 wherein said telephone number is a conventional eleven digit long distance number.

1 10) The method of claim 6 wherein said confirming said telephone number is
2 checking and determining if the call being made should be routed to a VoIP service
3 provider or to an existing telephone carrier.

1 11) A method of making a VOIP network call from a telephone to a electronic
2 device, comprising the steps of:
3 entering a number associated with said electronic device;
4 determining the IP address of said electronic device;
5 establishing a communication link between said telephone and said electronic
6 device; and
7 converting the analog call to digital data.

1 12) The method of claim 11 wherein said electronic device is a computer.

1 13) The method of claim 11 further comprising of accessing a VOIP network.

1 14) The method of claim 11 wherein said IP address is retrieved from a database
2 on a network.

1 15) The method of claim 11 wherein said number contains a flag indicating that
2 said number is that of a computer.

1 16) A method of making a VOIP network call using speed dial, comprising the
2 steps of:
3 entering a speed dial number;
4 accessing a network;
5 determining the telephone number of said speed dial number; and
6 dialing the said telephone number.

1 17) The method of claim 16 further comprising of entering a character that serves
2 as a flag for speed dial.

1 18) The method of claim 16 wherein said telephone number is determined by
2 looking up the speed dial number on a database stored on a server.

1 19) The method of claim 16 wherein said telephone number is determined by
2 looking up the speed dial number on a database stored in the telephone.

1 20) The method of claim 18 wherein said database can modified by a computer
2 accessing a database through a website.

21) The method of claim 18 wherein said database can modified by a telephone
accessing a database.